

ABSTRACT

The present invention provides methods and compositions for screening, diagnosis and prognosis of kidney response, for monitoring the effectiveness of kidney response treatment, identifying patients most likely to respond to a particular therapeutic treatment and for drug development. In particular, the screening of drug candidates for their ability to induce a kidney response. Kidney Response-Associated Features (KRFs), detectable by two-dimensional electrophoresis of blood, serum, plasma or kidney tissue are described. The invention further provides Kidney Response-Associated Protein Isoforms (KRPIs) detectable in blood, serum, plasma or kidney tissue, preparations comprising isolated KRPIs, antibodies immunospecific for KRPIs, and kits comprising the aforesaid.